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Established Maximum Residue Limit EMRL2011-45

Thiamethoxam

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Under the authority of the *Pest Control Products Act*, Health Canada's Pest Management Regulatory Agency (PMRA) has established maximum residue limits (MRLs) for thiamethoxam in or on various commodities to permit the import and sale of food containing such residues.

Corresponding maximum residue limits (MRLs) were proposed in the consultation document published on 22 November 2010, Proposed Maximum Residue Limit PMRL2010-65, *Thiamethoxam*. The PMRA received no comments in response to this consultation.

To comply with Canada's international trade obligations, consultation on the proposed MRLs was also conducted internationally by notifying the World Trade Organization, as coordinated by the Standards Council of Canada. No comments were received as a result of the World Trade Organization consultation.

The following MRLs take legal effect as of the publication date of this document and either replace or are in addition to the MRLs already established for thiamethoxam.

Established Maximum Residue Limits for Thiamethoxam

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Thiamethoxam	3-[(2-chloro-5-thiazolyl)methyl] tetrahydro-5-methyl-*N*-nitro-4*H*-1,3,5-oxadiazin-4-imine, including the metabolite (*E*)-*N*-[(2-chloro-5-thiazolyl) methyl]-*N'*-methyl-*N''*-nitroguanidine	4.5	Head and stem *Brassica* (Crop Subgroup 5A)
		4.0	Leafy vegetables, except *Brassica* (Crop Group 4)
		3.0	Leafy Brassica greens (Crop Subgroup 5B)
		1.5	Peppermint tops, spearmint tops
		0.8	Black salsify tops, celeriac tops, chicory tops, edible burdock tops, garden beet tops, oriental radish tops, radish tops, rutabaga tops, turnip tops, turnip-rooted chervil tops
		0.5	Stone fruits (Crop Group 12)
		0.45	Globe artichokes
		0.4	Citrus fruits (Crop Group 10 - Revised), avocados, black sapotes, canistels, mamey sapotes, mangoes, papayas, sapodillas, star apples
		0.35	Caneberries (Crop Subgroup 13-07A)

Common Name	Residue Definition	MRL (ppm)	Food Commodity
		0.3	Low growing berries (Crop Subgroup 13-07G; except cranberries*), barley, raisins
		0.2	Cucurbit vegetables (Crop Group 9), pome fruits (Crop Group 11), small fruit vine climbing except fuzzy kiwifruit (Crop Subgroup 13-07F; except gooseberries**)
		0.15***	Potatoes
		0.1	Undelinted cotton seed, hops (dried)
		0.05	Root vegetables (Crop Subgroup 1A), coffee

* Replaces the 0.2 ppm MRL established for the low growing berry commodities lingonberries and lowbush blueberries on 21 September 2010. Cranberries are excluded from this action and therefore remain covered by the 0.02 ppm MRL established for "All food crops (other than those listed in this item)."

** Excluded from this MRL action as a corresponding 0.2 ppm MRL was previously established for gooseberries on 21 September 2010.

*** Replaces the MRLs of 0.05 ppm for potatoes and 0.08 ppm for potato chips established on 2 September 2009. All processed potato commodities are now included under the revised MRL for potatoes, the raw agricultural commodity.

MRLs are established for commodities included in the listed crop groupings in accordance with Appendix I.

A complete list of all pesticide MRLs established in Canada can be found on the Maximum Residue Limits for Pesticides webpage in the Pesticides and Pest Management section of Health Canada's website.

Appendix I

Crop Groups: Numbers and Definitions

Crop Group		Crop Subgroup		Food Commodities Included in the Crop Group or Subgroup
No.	**Name**	**No.**	**Name**	
1	Root and tuber vegetables	1A	Root vegetables	Black salsify roots Carrot roots Celeriac roots Chicory roots Edible burdock roots Garden beet roots Ginseng roots Horseradish roots Oriental radish roots Parsnip roots Radish roots Rutabaga roots Salsify roots Skirret roots Spanish salsify roots Sugar beet roots Turnip roots Turnip-rooted chervil roots Turnip-rooted parsnip roots
4	Leafy vegetables (except *Brassica* vegetables)			Amaranth Arugula Cardoon Celery Celtuce Chinese celery Corn salad Dandelion leaves Dock Edible leaved chrysanthemum Endives Fresh chervil leaves Fresh Florence fennel leaves and stalk Fresh parsley leaves Garden cress Garden purslane Garland chrysanthemum Head lettuce Leaf lettuce New Zealand spinach Orach leaves Radicchio Rhubarb Spinach Swiss chard Upland cress Vine spinach Winter purslane

Crop Group		Crop Subgroup		Food Commodities Included in the Crop Group or Subgroup
No.	**Name**	**No.**	**Name**	
5	*Brassica* (cole) leafy vegetables	5A	Head and stem *Brassica*	Broccoli Brussels sprouts Cabbages Cauliflower Chinese broccoli Chinese mustard cabbages Kohlrabi Napa Chinese cabbages
5	*Brassica* (cole) leafy vegetables	5B	Leafy *Brassica* greens	Bok choy Chinese cabbages Broccoli raab Collards Kale Mustard greens Mustard spinach Rape greens
9	Cucurbit vegetables			Balsam apples Balsam pears Cantaloupes Chayote fruit Chinese cucumbers Chinese waxgourds Citron melons Cucumbers Edible gourds (other than those listed in this item) Muskmelons (other than those listed in this item) Pumpkins Summer squash Watermelons West Indian gherkins Winter squash
10	Citrus fruit - Revised			Australian desert limes Australian finger limes Australian round limes Brown River finger limes Calamondins Citrus citron Citrus hybrids Grapefruits Japanese summer grapefruits Kumquats Lemons Limes Mediterranean mandarins Mount White limes New Guinea wild limes Oranges Pummelos Russell River limes Satsuma mandarins Sweet limes Tachicana oranges

Crop Group		Crop Subgroup		Food Commodities Included in the Crop Group or Subgroup
No.	Name	No.	Name	
				Tahiti limes Tangelos Tangerines Tangors Trifoliate oranges Uniq fruits
11	Pome fruits			Apples Crabapples Loquats Mayhaws Oriental pears Pears Quinces
12	Stone fruits			Apricots Nectarines Peaches Plumcots Plums Prune plums Sweet cherries Tart cherries
13-07	Berry and small fruit	13-07A	Caneberry	Blackberries Loganberries Raspberries Wild raspberries
13-07	Berry and small fruit	13-07F	Small fruit vine climbing, except fuzzy kiwifruit	Amur river grapes Gooseberries* Grapes Hardy kiwifruit Maypop Schisandra berries
13-07	Berry and small fruit	13-07G	Low growing berry	Bearberries Bilberries Cloudberries Cranberries** Lingonberries*** Lowbush blueberries*** Muntries Partridgeberries Strawberries

* Excluded from this MRL action as a 0.2 ppm MRL was previously established for gooseberries on 21 September 2010.

** Excluded from this MRL action and therefore remains covered by the 0.02 ppm MRL established for "All food crops (other than those listed in this item)."

*** The 0.2 ppm MRL established on 21 September 2010 is replaced by the 0.3 ppm MRL for low growing berry commodities.